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Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals

Sub-Committee of Experts on the Transport of Dangerous Goods

Report of the Sub-Committee of Experts on the Transport of Dangerous Goods on its fifty-second session

held in Geneva from 28 November to 6 December 2017

Addendum

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Annex I

Corrections to the twentieth revised edition of the Recommendations on the Transport of Dangerous Goods, Model Regulations (ST/SG/AC.10/1/Rev.20)

Chapter 2.8, 2.8.3.2

For the grouping shall be based *read* the assignment shall be based

(Reference document: informal document INF.49)

Chapter 3.2, 3.2.1, Dangerous Goods List, for UN 3543, in column (2)

For ARTICLES CONTAINING A SUBSTANCE WHICH EMITS FLAMMABLE GAS IN CONTACT WITH WATER, N.O.S.

read ARTICLES CONTAINING A SUBSTANCE WHICH IN CONTACT WITH WATER EMITS FLAMMABLE GASES, N.O.S.

(Reference document: informal document INF.49)

Chapter 3.3, special provision 392 (c), second sentence

For the existing text, *substitute*:

If only one valve exists or only one valve works, all openings with the exception of the opening of the pressure relief device shall be closed as to be gastight under normal conditions of transport;

(Reference document: informal document INF.49, as amended)

Alphabetical index

For ARTICLES CONTAINING A SUBSTANCE WHICH EMITS FLAMMABLE GAS IN CONTACT WITH WATER, N.O.S.

read ARTICLES CONTAINING A SUBSTANCE WHICH IN CONTACT WITH WATER EMITS FLAMMABLE GASES, N.O.S.

(Reference document: informal document INF.49)

Chapter 4.1, 4.1.4.1, packing instruction P907, second paragraph, second sentence

For filling density *read* filling ratio

(Reference document: informal document INF.49)

Chapter 4.2, 4.2.5.3, portable tank special provision TP10, second sentence

For beyond the date of expiry of the last testing *read* beyond that date

(Reference document: informal document INF.49)

Chapter 5.2, 5.2.2.2.2, table, for label model No 7A, second column

For Category I *read* Category I – WHITE

(Reference document: informal document INF.24)

Chapter 5.2, 5.2.2.2.2, table, for label model No 7B, second column

For Category II *read* Category II – YELLOW

(Reference document: informal document INF.24)

Chapter 5.2, 5.2.2.2.2, table, for label model No 7C, second column

For Category III *read* Category III – YELLOW

(Reference document: informal document INF.24)

Chapter 5.3, 5.3.1.1.2 (b)

Delete and bulk containers

(Reference document: informal document INF.43)

Appendix A, in the table, for Division 4.3, for UN 3543, in column "Proper shipping name"

For ARTICLES CONTAINING A SUBSTANCE WHICH EMITS FLAMMABLE GAS IN CONTACT WITH WATER, N.O.S.

read ARTICLES CONTAINING A SUBSTANCE WHICH IN CONTACT WITH WATER EMITS FLAMMABLE GASES, N.O.S.

(Reference document: informal document INF.49)

Appendix B, Glossary of terms, for "Initiation, means of"

For significant hazard *read* significant risk

(Reference document: informal document INF.43)

Annex II

Draft amendments to the twentieth revised edition of the Recommendations on the Transport of Dangerous Goods, Model Regulations (ST/SG/AC.10/1/Rev.20)

Chapter 1.4

1.4.3 In table 1.4.1, add the following new row after "Class 1, division 1.5":

"Class 1, Division 1.6: explosives".

(Reference document: informal document INF.53, annex 2, amendment 1)

Chapter 2.9

2.9.2 Under "Other substances or articles presenting a danger during transport…", after "3359 FUMIGATED CARGO TRANSPORT UNIT", add "3363 DANGEROUS GOODS IN ARTICLES or"

(Reference document: informal document INF.56, consequential amendment)

Chapter 3.2, Dangerous Goods List

[For UN Nos. 1002, 1006, 1013, 1046, 1056, 1058, 1065, 1066, 1080, 1952, 1956, 2036, 3070, 3163, 3297, 3298 and 3299, in column (6), insert "392".]

(Reference document: informal document INF.31)

[For UN 2383, in column (6), delete "386".]

(Reference document: informal document INF.5)

[For UN 2522, in column (2), add ", STABILIZED" at the end and in column (6) add "386".]

(Reference document: informal document INF.5)

For UN 3164, add "PP32" in column (9).

(Reference document: informal document INF.47, option 1)

For UN 3291, in column (5), delete "II".

(Reference document: ST/SG/AC.10/C.3/2017/42)

For UN 3363, in column (2), at the beginning of the description, add "DANGEROUS GOODS IN ARTICLES or".

(Reference document: informal document INF.56)

Add the following new entry:

(1)	(2)	(3)	(4)	(5)	(6)	(7a)	(7b)	(8)	(9)	(10)	(11)
1390	ALKALI METAL AMIDES	4.3		I	182	0	E0	P403 IBC04	B1	T9	TP7 TP33

(Reference document: ST/SG/AC.10/C.3/2017/38)

Chapter 3.3

Special provision 301: In the first sentence, replace "machinery or apparatus" by "articles such as machinery, apparatus or devices". In the second, third, fourth and fifth sentences and in the last sentence, replace "machinery or apparatus" by "articles".

(Reference document: informal document INF.56)

Alphabetical index

[In column "Name and description" for the entry "2-DIMETHYLAMINOETHYL-METHACRYLATE" add at the end ", STABILIZED".]

(Reference document: informal document INF.5)

Add the following new entry in alphabetical order:

"DANGEROUS GOODS IN ARTICLES 9 3363".

(Reference document: informal document INF.56, consequential amendment)

Chapter 4.1

4.1.4.1, packing instruction P003 For packing instruction PP32, after "3358", add "and robust articles consigned under UN 3164".

(Reference document: informal document INF.47, option 1)

4.1.4.1, packing instruction P907 In the first sentence, replace "machinery or apparatus" by "articles such as machinery, apparatus or devices". In the second, third, fourth and fifth sentences and in the last sentence, replace "machinery or apparatus" by "articles".

(Reference document: consequential amendment)

Chapter 5.5

5.5.3 At the end, in the text in parentheses, after "(UN 1951)", add "or nitrogen".

(Reference document: informal document INF.50/Rev.1)

5.5.3 Add the following new Note at the end:

"***NOTE:*** *In the context of this section the term "conditioning" may be used in a broader scope and includes protection.*".

(Reference document: informal document INF.50/Rev.1)

5.5.3.6.2 In Figure 5.5.2, amend the heading to read "Asphyxiation warning mark for cargo transport units". Delete the reference to note ** and the corresponding note. In note *, at the beginning, replace "of the coolant/conditioner" by "or the name of the asphyxiant gas used as the coolant/conditioner". At the end of note * add "Additional information such as "AS COOLANT" or "AS CONDITIONER" may be added.". At the end of 5.5.3.6.2, delete the Note.

(Reference document: informal document INF.50/Rev.1)

Chapter 6.1

[Add the following new 6.1.3.13:

"6.1.3.13 Where a packaging conforms to more than one tested packaging design type, the packaging may bear more than one mark. Where more than one mark appears on a packaging, the marks must appear in close proximity to one another and each mark must appear in its entirety."]

(Reference document: informal document INF.51)

Chapter 6.5

[Add the following new 6.5.2.1.3:

"6.5.2.1.3 Where an IBC conforms to more than one tested IBC design type, the IBC may bear more than one mark. Where more than one mark appears on an IBC, the marks must appear in close proximity to one another and each mark must appear in its entirety."]

(Reference document: informal document INF.51)

6.5.2.2.1 Delete the last row in the table (Maximum permitted stacking load) and the corresponding footnote b.

(Reference document: informal document INF.48)

Chapter 6.6

[Add the following new 6.6.3.4:

"6.6.3.4 Where a large packaging conforms to more than one tested large packaging design type, the large packaging may bear more than one mark. Where more than one mark appears on a large packaging, the marks must appear in close proximity to one another and each mark must appear in its entirety."]

(Reference document: informal document INF.51)

Annex III

Draft amendments to the sixth revised edition of the Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria (ST/SG/AC.10/11/Rev.6) (as amended in accordance with ST/SG/AC.10/44/Add.2)

Section 41

41.2 At the beginning of the paragraph, replace "variation in container design" by "variations in portable tank or MEGC design".

(Reference document: ST/SG/AC.10/C.3/2017/41, proposal 5)

41.3.1 In the introductory sentence and in (a) and (b), replace "container under test" by "prototype".

(Reference document: ST/SG/AC.10/C.3/2017/41, proposal 5)

41.3.3.2 (a) In the first sentence, after "of 3000 Hz", add ", and a resonant frequency of at least five times the sampling frequency".

(Reference document: ST/SG/AC.10/C.3/2017/41, proposal 1)

41.3.3.2 (c) Replace the second sentence starting "The data acquisition system..." by "Aliasing must not exceed 1%, which may require the incorporation of an anti-aliasing filter into the data acquisition system;"

(Reference document: ST/SG/AC.10/C.3/2017/41, proposal 2)

41.3.4.1 In the introductory sentence and in paragraph (a), replace "container under test" by "prototype",

(Reference document: ST/SG/AC.10/C.3/2017/41, proposal 5)

41.3.4.2 Replace "container" by "prototype".

(Reference document: ST/SG/AC.10/C.3/2017/41, proposal 5)

41.3.4.3 In the first and third sentence, replace "container under test" by "prototype".

(Reference document: ST/SG/AC.10/C.3/2017/41, proposal 5)

41.3.4.5 In the first sentence, replace "container under test" by "prototype". In the second sentence, replace "container" by "portable tank or MEGC".

(Reference document: ST/SG/AC.10/C.3/2017/41, proposal 5)

41.3.5.1 (b)(i)For "ω_n", after "natural frequency", replace (in-radians) by (radians/second).

(Reference document: ST/SG/AC.10/C.3/2017/41, proposal 4)

41.3.7 In the title, delete "for portable tanks with frame length of 20 feet".

(Reference document: ST/SG/AC.10/C.3/2017/41, proposal 3)

41.3.7.1 In the introductory sentence, replace "tank container under test" by "prototype" and "containers" by "portable tanks or MEGCs".

(Reference document: ST/SG/AC.10/C.3/2017/41, proposal 5)

41.3.7.2 In the third sentence, replace "tank containers" by "prototype designs".

(Reference document: ST/SG/AC.10/C.3/2017/41, proposal 5)

41.3.8 (b) and (c) Replace "container" by "prototype".

(Reference document: ST/SG/AC.10/C.3/2017/41, proposal 5)

41.3.8 (f) Replace "container" by "the prototype".

(Reference document: ST/SG/AC.10/C.3/2017/41, proposal 5)